

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/480,472DATE: 03/26/96  
TIME: 18:00:30

INPUT SET: S9550.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

H6

## SEQUENCE LISTING

ENTERED

## (1) General Information:

## (i) APPLICANT:

Sherrol H. McDonough  
Daniel L. Kacian  
Nanibhushan Dattagupta  
Diane L. McAllister  
Philip Hammond  
Thomas B. Ryder  
Norman C. Nelson

## (ii) TITLE OF INVENTION:

NUCLEIC ACID SEQUENCE  
AMPLIFICATION

## (iii) NUMBER OF SEQUENCES:

23

## (iv) CORRESPONDENCE ADDRESS:

## (A) ADDRESSEE:

Lyon &amp; Lyon

## (B) STREET:

633 West Fifth Street  
Suite 4700

## (C) CITY:

Los Angeles

## (D) STATE:

California

## (E) COUNTRY:

U.S.A.

## (F) ZIP:

90071-2066

## (v) COMPUTER READABLE FORM:

## (A) MEDIUM TYPE:

3.5" Diskette, 1.44 Mb  
storage

## (B) COMPUTER:

IBM Compatible

## (C) OPERATING SYSTEM:

IBM P.C. DOS 5.0

## (D) SOFTWARE:

Word Perfect 5.1

## (vi) CURRENT APPLICATION DATA:

## (A) APPLICATION NUMBER:

08/480,472

## (B) FILING DATE:

June 6, 1995

## (C) CLASSIFICATION:

## (vii) PRIOR APPLICATION DATA:

## (A) APPLICATION NUMBER:

08/345,861

## (B) FILING DATE:

November 28, 1994

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/480,472DATE: 03/26/96  
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47  
48 (A) APPLICATION NUMBER: 07/925,405  
49 (B) FILING DATE: August 4, 1992  
50  
51  
52 (viii) ATTORNEY/AGENT INFORMATION:  
53  
54 (A) NAME: Heber, Sheldon O.  
55 (B) REGISTRATION NUMBER: 38,179  
56 (C) REFERENCE/DOCKET NUMBER: 213/066  
57  
58  
59 (ix) TELECOMMUNICATION INFORMATION:  
60  
61 (A) TELEPHONE: (213) 489-1600  
62 (B) TELEFAX: (213) 955-0440  
63 (C) TELEX: 67-3510  
64  
65  
66 (2) INFORMATION FOR SEQ ID NO: 1:  
67  
68 (i) SEQUENCE CHARACTERISTICS:  
69  
70 (A) LENGTH: 62 base pairs  
71 (B) TYPE: nucleic acid  
72 (C) STRANDEDNESS: single  
73 (D) TOPOLOGY: linear  
74  
75 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
76  
77 GAAATTAATA CGACTCACTA TAGGGAGACC ACAGCCGTCA GGGATAACCC 50  
78 CACCAACAAG CT 62  
79  
80  
81 (2) INFORMATION FOR SEQ ID NO: 2:  
82  
83 (i) SEQUENCE CHARACTERISTICS:  
84  
85 (A) LENGTH: 31 base pairs  
86 (B) TYPE: nucleic acid  
87 (C) STRANDEDNESS: single  
88 (D) TOPOLOGY: linear  
89  
90 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
91  
92 GGGATAAGCC TGGGAAACTG GGTCTAATAC C 31  
93  
94  
95 (2) INFORMATION FOR SEQ ID NO: 3:  
96  
97 (i) SEQUENCE CHARACTERISTICS:  
98  
99 (A) LENGTH: 24 base pairs

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100          (B) TYPE:          nucleic acid
101          (C) STRANDEDNESS:   single
102          (D) TOPOLOGY:      linear
103
104      (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
105
106      GTCTTGTGGT GGAAAGCGCT TTAG
107
108
109      (2) INFORMATION FOR SEQ ID NO: 4:
110
111          (i) SEQUENCE CHARACTERISTICS:
112
113              (A) LENGTH:          23 base pairs
114              (B) TYPE:            nucleic acid
115              (C) STRANDEDNESS:    single
116              (D) TOPOLOGY:       linear
117
118          (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
119
120      CCGGATAGGA CCACGGGATG CAT
121
122
123      (2) INFORMATION FOR SEQ ID NO: 5:
124
125          (i) SEQUENCE CHARACTERISTICS:
126
127              (A) LENGTH:          20 base pairs
128              (B) TYPE:            nucleic acid
129              (C) STRANDEDNESS:    single
130              (D) TOPOLOGY:       linear
131
132          (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
133
134      CGGTGTGGGA TGACCCCGCG
135
136
137      (2) INFORMATION FOR SEQ ID NO: 6:
138
139          (i) SEQUENCE CHARACTERISTICS:
140
141              (A) LENGTH:          47 base pairs
142              (B) TYPE:            nucleic acid
143              (C) STRANDEDNESS:    single
144              (D) TOPOLOGY:       linear
145
146          (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
147
148      AATTTAATAC GACTCACTAT AGGGAGACCA GGCCACTTCC GCTAACC
149
150
151      (2) INFORMATION FOR SEQ ID NO: 7:
152
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24

23

20

47

RAW SEQUENCE LISTING  
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153 (i) SEQUENCE CHARACTERISTICS:  
154  
155 (A) LENGTH: 24 base pairs  
156 (B) TYPE: nucleic acid  
157 (C) STRANDEDNESS: single  
158 (D) TOPOLOGY: linear  
159  
160 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
161  
162 CGCGGAACAG GCTAAACCGC ACGC 24  
163  
164 (2) INFORMATION FOR SEQ ID NO: 8:  
165  
166 (i) SEQUENCE CHARACTERISTICS:  
167  
168 (A) LENGTH: 23 base pairs  
169 (B) TYPE: nucleic acid  
170 (C) STRANDEDNESS: single  
171 (D) TOPOLOGY: linear  
172  
173 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
174  
175 GGAGGATATG TCTCAGCGCT ACC 23  
176  
177 (2) INFORMATION FOR SEQ ID NO: 9:  
178  
179 (i) SEQUENCE CHARACTERISTICS:  
180  
181 (A) LENGTH: 38 base pairs  
182 (B) TYPE: nucleic acid  
183 (C) STRANDEDNESS: single  
184 (D) TOPOLOGY: linear  
185  
186 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
187  
188 CGGCTGAGAG GCAGTACAGA AAGTGTCGTG GTTAGCGG 38  
189  
190  
191 (2) INFORMATION FOR SEQ ID NO: 10:  
192  
193 (i) SEQUENCE CHARACTERISTICS:  
194  
195 (A) LENGTH: 36 base pairs  
196 (B) TYPE: nucleic acid  
197 (C) STRANDEDNESS: single  
198 (D) TOPOLOGY: linear  
199  
200 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
201  
202 GGGTAACCGG GTAGGGGTTG TGTGTGCGGG GTTGTG 36  
203  
204  
205 (2) INFORMATION FOR SEQ ID NO: 11:

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206  
207 (i) SEQUENCE CHARACTERISTICS:  
208  
209 (A) LENGTH: 28 base pairs  
210 (B) TYPE: nucleic acid  
211 (C) STRANDEDNESS: single  
212 (D) TOPOLOGY: linear  
213  
214 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
215  
216 ATAATCCACC TATCCCAGTA GGAGAAAT 28  
217  
218  
219 (2) INFORMATION FOR SEQ ID NO: 12:  
220  
221 (i) SEQUENCE CHARACTERISTICS:  
222  
223 (A) LENGTH: 55 base pairs  
224 (B) TYPE: nucleic acid  
225 (C) STRANDEDNESS: single  
226 (D) TOPOLOGY: linear  
227  
228 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
229  
230 AATTTAATAC GACTCACTAT AGGGAGACCA CACCTTGTCT TATGTCCAGA 50  
231 ATGCT 55  
232  
233  
234  
235 (2) INFORMATION FOR SEQ ID NO: 13:  
236  
237 (i) SEQUENCE CHARACTERISTICS:  
238  
239 (A) LENGTH: 30 base pairs  
240 (B) TYPE: nucleic acid  
241 (C) STRANDEDNESS: single  
242 (D) TOPOLOGY: linear  
243  
244 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
245  
246 GCACGTAGTT AGCCGGTGCT TATTCTTCAG 30  
247  
248  
249 (2) INFORMATION FOR SEQ ID NO: 14:  
250  
251 (i) SEQUENCE CHARACTERISTICS:  
252  
253 (A) LENGTH: 53 base pairs  
254 (B) TYPE: nucleic acid  
255 (C) STRANDEDNESS: single  
256 (D) TOPOLOGY: linear  
257  
258 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION *US/08/480,472***

DATE: 03/26/96  
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***INPUT SET: S9550.raw***

Line

Error

Original Text